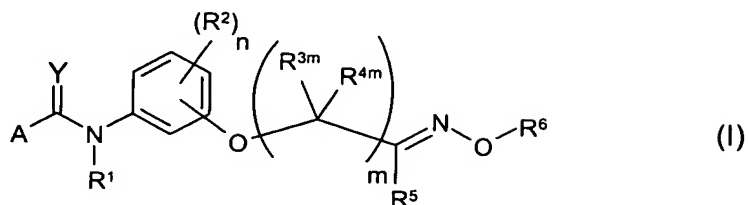


We claim:

1. A (hetero)cyclylcarboxanilide of the formula I,



in which variables are as defined below:

- A is phenyl or an at least monounsaturated 5- or 6-membered heterocycle having 1, 2 or 3 heteroatoms selected from the group consisting of N, O, S, S(=O) and S(=O)₂ as ring members, where phenyl and the at least monounsaturated 5- or 6-membered heterocycle may be unsubstituted or may carry 1, 2 or 3 radicals R^a, where
- R^a is halogen, nitro, CN, C₁-C₄-alkyl, C₃-C₆-cycloalkyl, C₂-C₄-alkenyl, C₂-C₄-alkynyl, C₁-C₄-alkoxy, C₁-C₄-haloalkyl, C₃-C₆-halocycloalkyl, C₂-C₄-haloalkenyl, C₂-C₄-haloalkynyl, C₁-C₄-haloalkoxy or phenyl, where phenyl may be unsubstituted or carries one, two or three radicals R^b selected from the group consisting of halogen, nitro, CN, C₁-C₄-alkyl, C₃-C₆-cycloalkyl, C₂-C₄-alkenyl, C₂-C₄-alkynyl, C₁-C₄-alkoxy, C₁-C₄-haloalkyl, C₃-C₆-halocycloalkyl, C₂-C₄-haloalkenyl, C₂-C₄-haloalkynyl and C₁-C₄-haloalkoxy;
- Y is oxygen or sulfur;
- R¹ is H, OH, C₁-C₄-alkyl, C₃-C₆-cycloalkyl, C₁-C₄-alkoxy, C₁-C₄-haloalkyl, C₃-C₆-halocycloalkyl or C₁-C₄-haloalkoxy;
- R² is halogen, nitro, CN, C₁-C₄-alkyl, C₃-C₆-cycloalkyl, C₂-C₄-alkenyl, C₂-C₄-alkynyl, C₁-C₄-alkoxy, C₁-C₄-haloalkyl, C₃-C₆-halocycloalkyl, C₂-C₄-haloalkenyl, C₂-C₄-haloalkynyl or C₁-C₄-haloalkoxy;
- R^{3m}, R^{4m} are each independently of one another halogen, hydrogen, C₁-C₆-alkyl, C₃-C₆-cycloalkyl, C₂-C₆-alkenyl, C₂-C₆-alkynyl, phenyl, phenyl-C₁-C₄-alkyl, phenyl-C₂-C₄-alkenyl, phenyl-C₂-C₄-alkynyl, C₁-C₆-haloalkyl, C₃-C₆-halocycloalkyl, C₂-C₆-haloalkenyl, C₂-C₆-haloalkynyl, phenyl-C₁-C₄-haloalkyl,

phenyl-C₂-C₄-haloalkenyl or phenyl-C₂-C₄-haloalkynyl, where phenyl or the phenyl moiety of phenyl-C₁-C₄-alkyl, phenyl-C₂-C₄-alkenyl, phenyl-C₂-C₄-alkynyl, phenyl-C₁-C₄-haloalkyl, phenyl-C₂-C₄-haloalkenyl and phenyl-C₂-C₄-haloalkynyl may be unsubstituted or may carry one, two or three radicals R^b; for m = 2 or 3 the variables R³², R⁴² and R³³, R⁴³, respectively, may also be C₁-C₆-alkoxy;

R⁵ is hydrogen, C₁-C₆-alkyl, C₃-C₆-cycloalkyl, C₂-C₆-alkenyl, C₂-C₆-alkynyl, phenyl, phenyl-C₁-C₄-alkyl, phenyl-C₂-C₄-alkenyl, phenyl-C₂-C₄-alkynyl, C₁-C₆-haloalkyl, C₃-C₆-halocycloalkyl, C₂-C₆-haloalkenyl, C₂-C₆-haloalkynyl, phenyl-C₁-C₄-haloalkyl, phenyl-C₂-C₄-haloalkenyl or phenyl-C₂-C₄-haloalkynyl, where phenyl or the phenyl moiety of phenyl-C₁-C₄-alkyl, phenyl-C₂-C₄-alkenyl, phenyl-C₂-C₄-alkynyl, phenyl-C₁-C₄-haloalkyl, phenyl-C₂-C₄-haloalkenyl, phenyl-C₂-C₄-haloalkynyl may be unsubstituted or may carry one, two or three radicals R^b;

R⁶ is hydrogen, C₁-C₈-alkyl, C₃-C₆-cycloalkyl, C₂-C₈-alkenyl, C₂-C₈-alkynyl, C₁-C₈-haloalkyl, C₃-C₆-halocycloalkyl, C₂-C₈-haloalkenyl, C₂-C₈-haloalkynyl, phenyl, naphthyl, phenyl-C₁-C₆-alkyl, naphthyl-C₁-C₆-alkyl, phenyl-C₂-C₆-alkenyl, phenyl-C₂-C₆-alkynyl, phenyl-C₁-C₆-haloalkyl, phenyl-C₂-C₆-haloalkenyl or phenyl-C₂-C₆-haloalkynyl, where phenyl and naphthyl in the 9 last-mentioned groups may be unsubstituted or may carry 1, 2 or 3 substituents selected from the group consisting of R^b and R⁷, where R⁷ is -(CR⁸)=NOR⁹, where

R⁸ is hydrogen, C₁-C₆-alkyl, C₃-C₆-cycloalkyl, C₂-C₆-alkenyl, C₂-C₆-alkynyl, C₁-C₆-haloalkyl, C₃-C₆-halocycloalkyl, C₂-C₆-haloalkenyl, C₂-C₆-haloalkynyl, phenyl, benzyl; where phenyl and the phenyl group in benzyl may be unsubstituted or may carry one, two or three radicals R^b; and

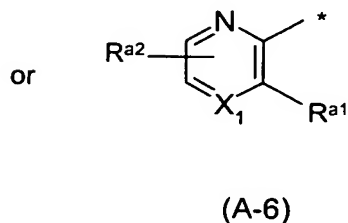
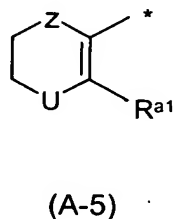
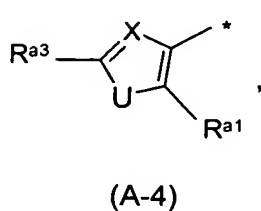
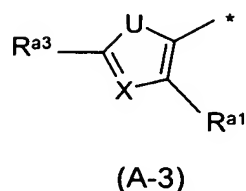
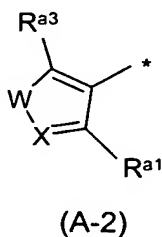
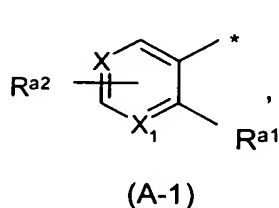
R⁹ is C₁-C₆-alkyl, C₃-C₆-cycloalkyl, C₂-C₆-alkenyl, C₂-C₆-alkynyl, C₁-C₆-haloalkyl, C₃-C₆-halocycloalkyl, C₂-C₆-haloalkenyl, C₂-C₆-haloalkynyl, phenyl, phenyl-C₁-C₄-alkyl, phenyl-C₁-C₄-haloalkyl, phenyl-C₂-C₄-alkenyl, phenyl-C₂-C₄-haloalkenyl, phenyl-C₂-C₄-alkynyl, phenyl-C₂-C₄-haloalkynyl, where phenyl and the phenyl group in phenyl-C₁-C₄-alkyl, phenyl-C₁-C₄-haloalkyl, phenyl-C₂-C₄-alkenyl, phenyl-C₂-C₄-haloalkenyl, phenyl-C₂-C₄-alkynyl and phenyl-C₂-C₄-haloalkynyl may be unsubstituted or may carry one, two or three radicals R^b;

n is 0, 1, 2, 3 or 4; and

m is 1, 2 or 3;

5 or an agriculturally useful salt thereof.

2. A (hetero)cyclylcarboxanilide of the formula I in which A is a radical of the formula



where * means the point of attachment to C(=Y) and the variables are as defined below:

15 X, X₁ are each independently of one another N or CR^c, where R^c is H or has one of the meanings mentioned for R^b;

20 W is S or N-R^{a4}, where R^{a4} is hydrogen, C₁-C₄-alkyl, C₁-C₄-haloalkyl, C₁-C₄-alkoxy, C₁-C₄-haloalkoxy or phenyl which may be unsubstituted or may carry 1, 2 or 3 radicals R^b;

U is oxygen or sulfur;

25 Z is S, S(=O), S(=O)₂ or CH₂,

R^{a1} is hydrogen, C₁-C₄-alkyl, C₁-C₄-alkoxy, C₁-C₄-haloalkyl, C₁-C₄-haloalkoxy or halogen;

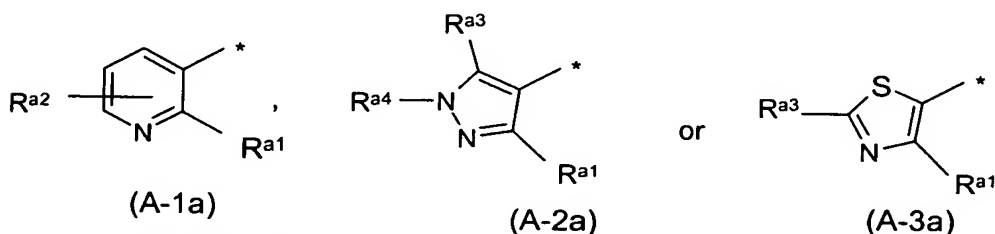
30 R^{a2} are each independently of one another hydrogen, halogen, nitro, CN, C₁-C₄-alkyl, C₃-C₆-cycloalkyl, C₂-C₄-alkenyl, C₂-C₄-alkynyl, C₁-C₄-alkoxy, where the 5 last-mentioned groups may be substituted by halogen; and

R^{a3} is hydrogen, halogen, nitro, CN, C_1 - C_4 -alkyl, C_3 - C_6 -cycloalkyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkynyl, C_1 - C_4 -alkoxy, where the 5 last-mentioned groups may be substituted by halogen.

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3. The (hetero)cyclylcarboxanilide of the formula I according to claim 2 in which R^{a1} is hydrogen, halogen, C_1 - C_2 -alkyl, C_1 - C_2 -alkoxy or C_1 - C_2 -fluoroalkyl.

10 4. The (hetero)cyclylcarboxanilide of the formula I according to claim 2 or 3 in which A is a radical of the formula A-1a, A-2a or A-3a,



in which R^{a1} , R^{a2} , R^{a3} and R^{a4} are as defined in claim 2.

15 5. The (hetero)cyclylcarboxanilide of the formula I according to claim 4 in which A is a radical A-1a where R^{a1} = halogen and R^{a2} = hydrogen, or is a radical A-2a where R^{a1} = C_1 - C_2 -fluoroalkyl, R^{a3} = is hydrogen and R^{a4} = C_1 - C_4 -alkyl or is a radical A-3a where R^{a1} = C_1 - C_2 -fluoroalkyl and R^{a3} = C_1 - C_4 -alkyl.

20 6. The (hetero)cyclylcarboxanilide of the formula I according to any of the preceding claims in which R^1 is hydrogen.

25 7. The (hetero)cyclylcarboxanilide of the formula I according to any of the preceding claims in which R^2 is C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -haloalkyl, C_1 - C_4 -haloalkoxy, nitro, cyano or halogen.

8. The (hetero)cyclylcarboxanilide of the formula I according to any of the preceding claims in which n is 0 or 1.

30 9. The (hetero)cyclylcarboxanilide of the formula I according to any of the preceding claims in which m is 1.

10. The (hetero)cyclylcarboxanilide of the formula I according to claim 9 in which R^{31} and R^{41} are each independently of one another hydrogen or C_1 - C_4 -alkyl.

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11. The (hetero)cyclylcarboxanilide of the formula I according to any of the preceding

claims in which R⁵ is hydrogen, C₁-C₆-alkyl, C₁-C₆-haloalkyl, C₃-C₆-cycloalkyl, C₃-C₆-halocycloalkyl, phenyl, phenyl-C₁-C₄-alkyl, phenyl-C₁-C₄-haloalkyl, where phenyl in the three last-mentioned radicals may be unsubstituted or may carry one, two or three radicals R^b.

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12. The (hetero)cyclylcarboxanilide of the formula I according to any of the preceding claims in which R⁶ is C₁-C₆-alkyl, C₁-C₆-haloalkyl, C₃-C₆-cycloalkyl, C₃-C₆-halocycloalkyl, C₂-C₆-alkenyl, C₂-C₆-haloalkenyl, C₂-C₄-alkynyl, C₂-C₄-haloalkynyl, phenyl-C₁-C₂-alkyl or phenyl, where phenyl in the two last-mentioned radicals may be unsubstituted or may carry one or two halogen groups.
13. The (hetero)cyclylcarboxanilide of the formula I according to any of the preceding claims in which Y is oxygen.
14. The use of (hetero)cyclylcarboxanilides of the formula I according to any of the preceding claims and of agriculturally useful salts thereof for controlling harmful fungi.
15. A crop protection composition, comprising at least one (hetero)cyclylcarboxanilide of the formula I according to any of claims 1 to 13 or an agriculturally useful salt thereof.
16. A method for controlling harmful fungi, which comprises treating the harmful fungi, their habitat or the plants, areas, materials or spaces to be kept free from them with a fungicidally effective amount of at least one (hetero)cyclylcarboxanilide of the formula I according to any of claims 1 to 13 or an agriculturally useful salt thereof.

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